



OTTEVANGER
MILLING ENGINEERS



Retention time barrel RTB



General

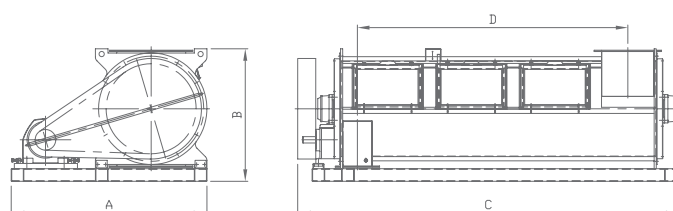
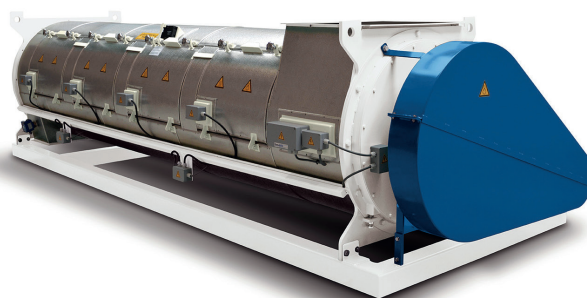
After the homogeneous mixing of steam in a conditioner the product remains, during a preset length of time, in this heated and insulated retention time barrel. After the retention time barrel the product can be further treated in a pellet mill, extruder or meal cooler. The thermal treatment of the product results in an easier operation in the pellet mill, which simultaneously results in an improved pellet quality.

Advantages

- » guaranteed first-in/first-out of the mixture in the retention time barrel
- » up to 15% increase of pelleting capacity, due to higher temperature and improved absorption of steam
- » product is kept at required temperature
- » minimal formation of condensation
- » reduced growth of bacteria
- » easy to clean
- » simple design

Features

- » all components that come into contact with the product are from stainless steel AISI 304
- » solid shaft with large flight and inclined pitch
- » stuffing box sealings on shaft
- » direct drive or timing belt transmission, depending on the type of RTB
- » suitable for frequency control
- » large inspection doors with safety switch
- » temperature sensor PT 100
- » insulated with rock-wool
- » electric heating system with adjustable thermostat 30-110 °C



Belt drive

Type	Capacity (t/h)*	Dimensions (in mm)				Motor power (kW)
		A	B	C	D	
700 x 3.000	6	1.400	1.000	3.550	2.602	1,5
900 x 3.000	7	1.720	1.260	3.625	2.570	1,5
900 x 4.000	11	1.720	1.260	4.650	3.570	1,5
900 x 4.500	13	1.720	1.260	5.150	4.070	1,5
900 x 5.660	16	1.720	1.260	6.300	5.230	1,5
1.250 x 4.000 **	26	1.530	1.645	4.900	3.510	2,2

* With a retention time of 240 seconds

** Direct drive

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